

ABSTRACT OF THE INVENTION

A server receives a request and identifies a corresponding task with core and peripheral components. The server performs the core components and collects relevant context data. The server returns a result to the requester based on having performed the core components, and constructs a message including the collected context data and sends same to an asynchronous message collector. An asynchronous message processor takes up and processes the message from the collector to perform the peripheral components. Thus, the message processor performs less-time-sensitive peripheral work independent of the server and allows the server to attend to more-time-sensitive core work.